SAMSUNG

USER'S MANUAL

APC289ATE

Floor Stand Type Air Conditioner

(Cooling)

ⒺⒶ DB98-25159A(2)

Safety Precautions

The following safety precautions must be taken when using your air conditioner.

WARNING

• Risk of electric shock can cause injury or death. • Disconnect all remote electric power supplies before servicing, installing or cleaning.
• This must be done by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.

During operation

- Users of this product are cautioned not to attempt repair of this product at their own discretion. Instead, they are requested to directly contact a designated service center or the outlet at which the product was purchased.
- Never spill any kind of liquid into the unit. Should this happen, unplug or main switch off the unit and contact an authorized service center.
- Do not insert anything between the air outlet blades because the inner fan may be damaged and could cause injury. Keep children away from the unit.
- Do not place any obstacles in front of the unit.
- Do not spray liquid of any kind into the indoor unit. Should this happen, switch off the breaker used for your air conditioner and contact your installation specialist.
- Make sure that the unit is correctly ventilated at all times: Do not place clothing or other materials over it.
- If the wireless remote control will not be used for a long time, remove the batteries. (If applicable)
- When using a wireless remote control, the distance should not be more than 7 m from the air conditioner. (If applicable)

Disposing of the unit

- Before throwing out the device, it is necessary to pull back the battery cells and get rid of them safely for recycling reasons.
- When you need to dispose of the unit, consult your dealer. If pipes are removed incorrectly, refrigerant may blow out and come into contact with your skin, causing injury. Releasing refrigerant into the atmosphere also damages the environments.
- Please recycle or dispose of the packaging material for this product in an environmentally responsible manner.

Others

- Never store or ship the air conditioner upside down or sideways to avoid damage to the compressor.
- The appliance is not intended for use by young children or infirm persons without supervision: Young children should be supervised to ensure that they do not play with the appliance.
- Max current is measured according to IEC standard for safety and current is measured according to ISO standard for energy efficiency.

Contents

◆ *PREPARING YOUR AIR CONDITIONER*
- Safety Precautions 2
- View of the Unit 4
- Remote Control-Buttons and Display 6
- Getting Started 7
- Inserting the Remote Control Batteries 8
- Operating Preparation 9

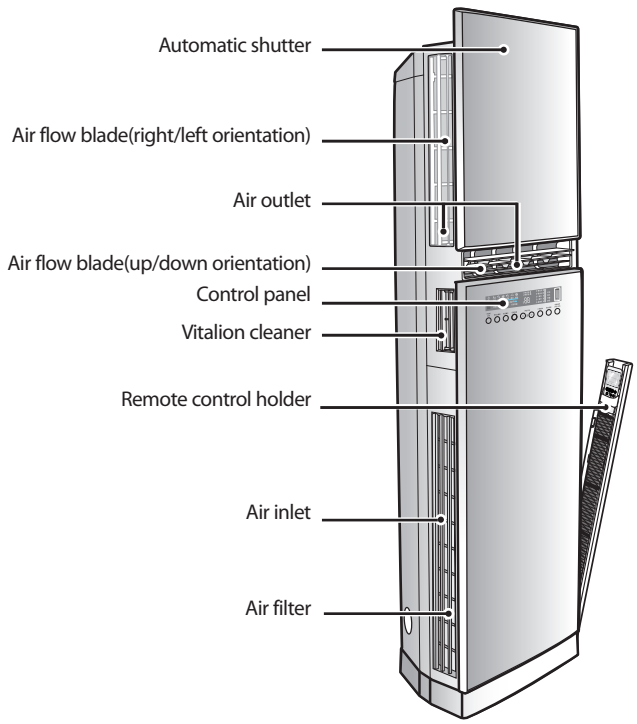
◆ *OPERATING YOUR AIR CONDITIONER*
- Selecting the Cool Mode 10
- Selecting the Auto Mode 11
- Selecting the Dry Mode 12
- Selecting the Fan Mode 13
- Selecting the Turbo Function 14
- Selecting Energy Saving Mode 15
- Selecting Vitalion Function 16
- Selecting Digital Flow 17
- Adjusting the Air Flow Direction Vertically 18
- Adjusting the Air Flow Direction Horizontally 19

◆ *PROGRAMMING YOUR AIR CONDITIONER*
- Setting the On Timer 20
- Setting the Off Timer 21

◆ *RECOMMENDATIONS FOR USE*
- Using Control Panel on the Indoor Unit 22
- Operating Recommendations 24
- Temperature and Humidity Ranges 25
- Cleaning Your Air Conditioner 26
- Solving Common Problems 28

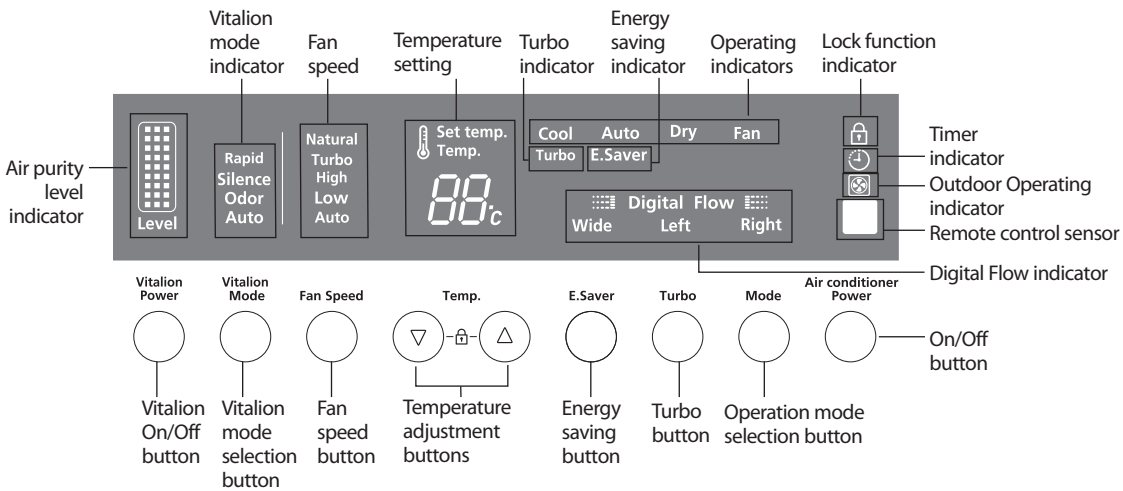
View of the Unit

Indoor Unit

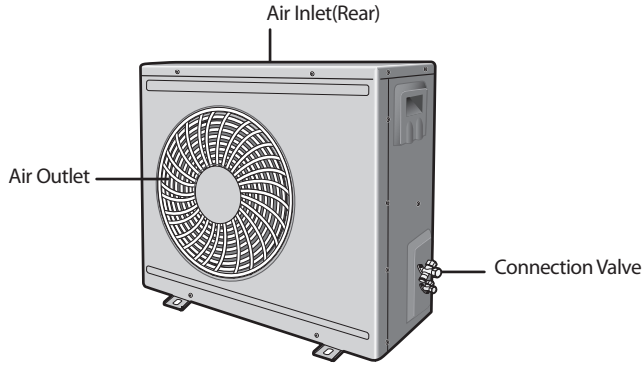


Control Panel

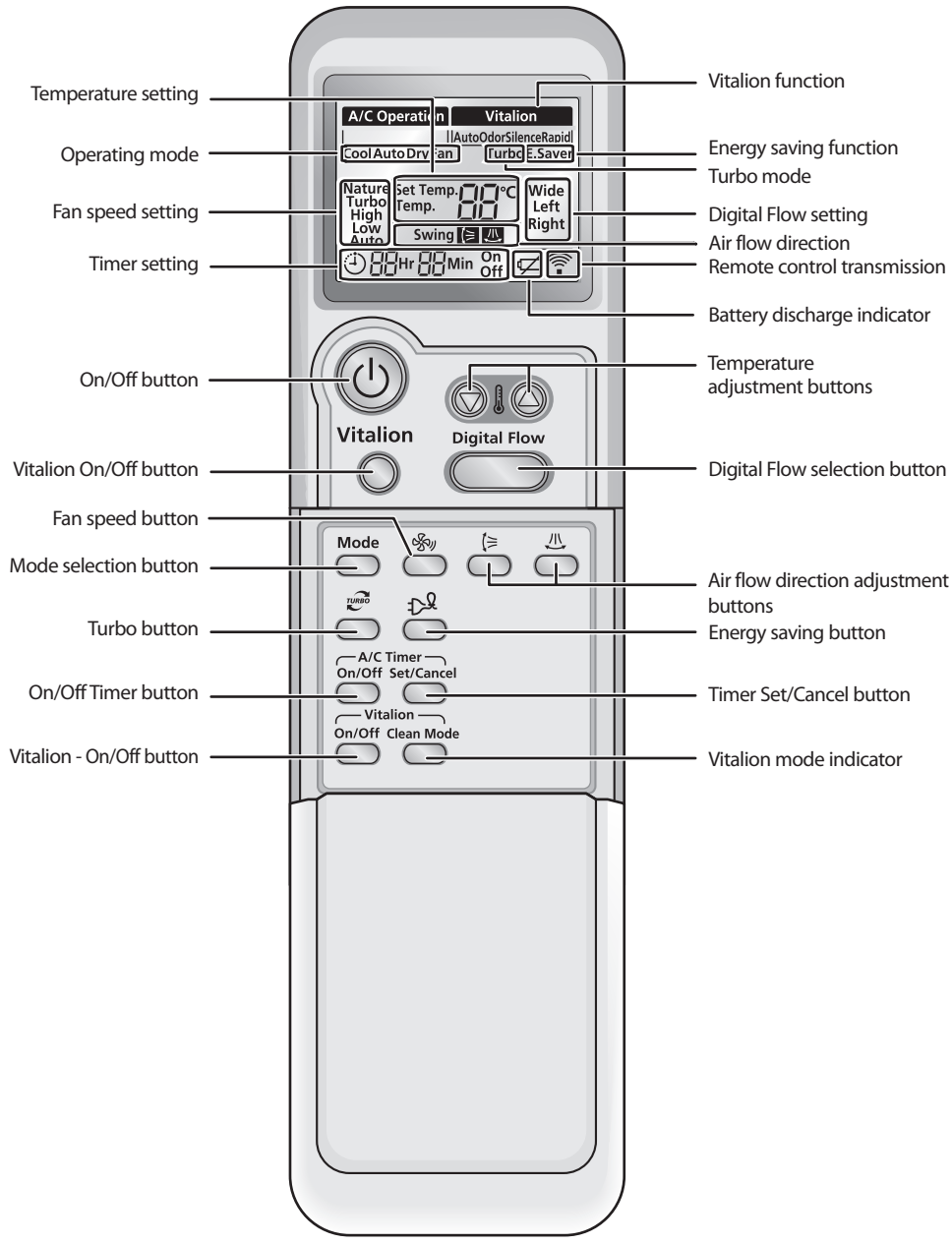
You can operate the air conditioner with the control panel when you can't or don't want to operate the air conditioner with the remote control.
(refer to page 22)



Outdoor Unit



Remote Control-Buttons and Display



Note is battery discharge indicator.
If the indicator is displayed on the remote control, replace batteries; refer to page 8.

Getting Started

You have just purchased a floor stand type air conditioner and it has been installed by your installation specialist.

Your Owner's Instructions contains valuable information on using your air conditioner. Please take the time to read it as it will help you take full advantage of the unit's features.

The booklet is organized as follows.

- ***The following figures are shown on pages from 4 to 6 :***
  - ***Indoor and outdoor units***
  - ***Remote control(buttons and display)***

  They will help you find the buttons and understand the symbols displayed.

- ***In the manual, you will find a series of step-by-step procedures for each function available.***

The illustrations in the step-by-step procedures use three different symbols:

PRESS	**PUSH**	**HOLD DOWN**

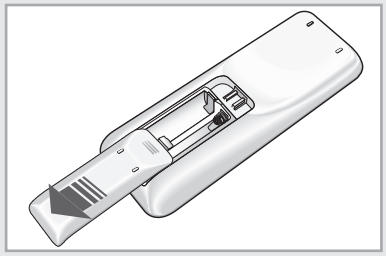
Inserting the Remote Control Batteries

You must insert or replace the remote control batteries when :

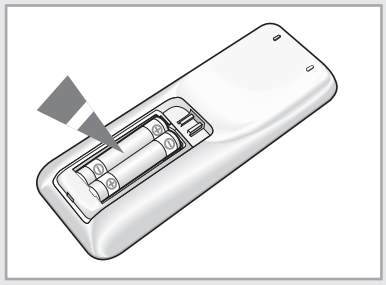
- ***You purchase the air conditioner***
- ***The remote control does not work correctly***

Note

- Use two AAA, LR03 1.5V batteries.
- Do not use old batteries or different kinds of batteries together.
- Batteries may be completely discharged after 12 months, even if they have not actually been used.



1 Push the battery cover on the rear of the remote control with your thumb in the direction of the arrow and remove it.



2 Insert the two batteries, taking care to respect the polarities :

- + on the batt ery with + on the remote control.
- - on the battery with - on the remote control.

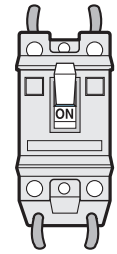
3 Close the cover by sliding it back until it clicks into place.

Operating Preparation

Look around the indoor and outdoor units. Confirm if any obstacles that may prevent the air flow are present near the air conditioner.

Turn the power switch on.

Caution To operate the unit, the power switch is fitted to the wall and should be set to ON.

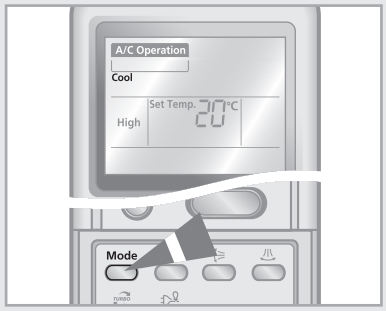


Selecting the Cool Mode

Cool mode is used most frequently. You can control the temperature, fan speed, and air flow direction as you want in the mode.

1 If necessary, press the (On/Off) button.

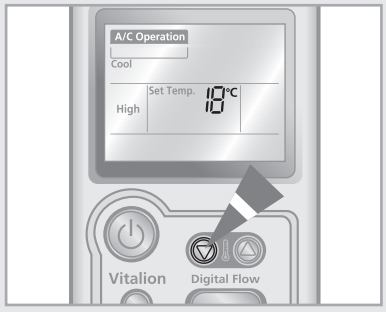
Result:
- The operation indicator on the indoor unit lights up.
- The air conditioner starts up in the Cool mode.
- The indoor unit beeps.



2 If the **Cool** is not displayed at the top of the remote control, press the Mode button on the remote control one or more times until it appears.

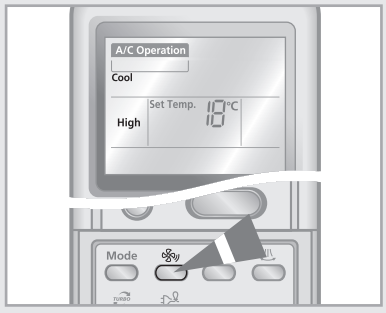
Result:
- The indoor unit beeps each time you press the Mode button.
- The air conditioner runs in Cool mode.

Note You can change modes at any time.



3 To adjust the temperature, press the button one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

Result:
- Each time you press the button:
  - The temperature is adjusted by 1°C
  - The indoor unit beeps
- The air conditioner starts cooling, provided that the room temperature is higher than the selected temperature.
- If the room temperature reaches the set temperature, the air conditioner stops cooling, but the fan is still operating.



4 Select the fan speed by pressing the button one or more times until the required setting is displayed:

High → Turbo → Auto → Low

Result: Each time you press the button, the indoor unit beeps.

Note The default fan speed is set to High.

5 To select the Digital Flow, refer to page 17.

6 To control the direction of the air flow, refer to pages 18 and 19.

Selecting the Auto Mode

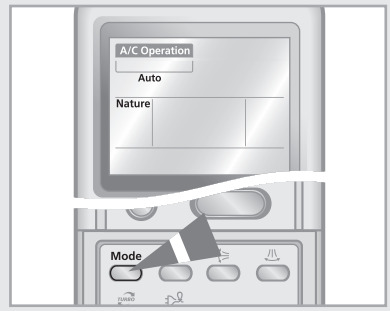
You can start the air conditioner in Automatic mode from your remote control. In the Automatic mode, the optimum temperature and the fan speed is selected automatically.

1 If necessary, press the (On/Off) button.

Result:
- The operation indicator on the indoor unit lights up.
- The air conditioner starts up in the Cool mode.
- The indoor unit beeps.

2 If the **Auto** is not displayed at the top of the remote control, press the Mode button on the remote control one or more times until it appears.

Result:
- The indoor unit beeps each time you press the Mode button.
- The air conditioner runs in Auto mode. (It starts cooling according to the room temperature)



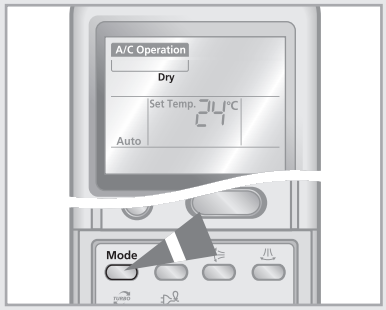
Note You can change modes at any time.

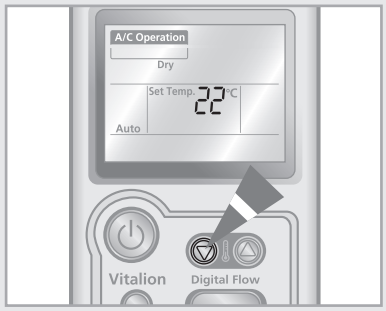
3 If you adjust the temperature in Auto mode, it will turn to Cool mode automatically.

4 Fan speed will be set to Nature mode, so that Low and High fan speed to be rotated automatically.

5 Air flow direction will be automatically selected.

Selecting the Dry Mode





If the atmosphere in your room is very humid or damp, you can remove excess humidity without lowering the room temperature too much. In DRY mode, the quantity of air is adjusted automatically.

1 If necessary, press the (On/Off) button.

Result:
- The operation indicator on the indoor unit lights up.
- The air conditioner starts up in the Cool mode.
- The indoor unit beeps.

2 If the **Dry** is not displayed at the top of the remote control, press the Mode button on the remote control one or more times until it appears.

Result:
- The indoor unit beeps each time you press the Mode button.
- The air conditioner runs in Dry mode.

Note You can change modes at any time.

3 To adjust the temperature, press the button one or more times until the required temperature is displayed.
Possible temperatures are between 18°C and 30°C inclusive.

Result:
- Each time you press the button:
  - The temperature is adjusted by 1°C
  - The indoor unit beeps
- The air conditioner starts removing the excess humidity; the quantity of air is adjusted automatically.

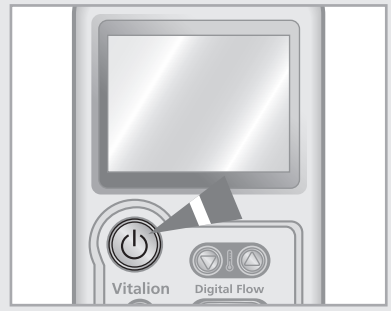
4 Fan speed will be set to Auto automatically.

5 To select the Digital Flow, refer to page 17.

6 To control the direction of the air flow, refer to pages 18 and 19 .

Selecting the Fan Mode

If the atmosphere in your room is stale, you can air the room using the Fan feature.



1 If necessary, press the (On/Off) button.

Result: ◆ The operation indicator on the indoor unit lights up.
◆ The air conditioner starts up in the Cool mode.
◆ The indoor unit beeps.

2 If the **Fan** is not displayed at the top of the remote control, press the Mode button on the remote control one or more times until it appears.

Result: ◆ The indoor unit beeps each time you press the Mode button.
◆ The air conditioner runs in FAN mode.

Caution In FAN mode, cool air does not come out because the outdoor unit does not run.
It will turn to Cool mode if you adjust the set temperature.

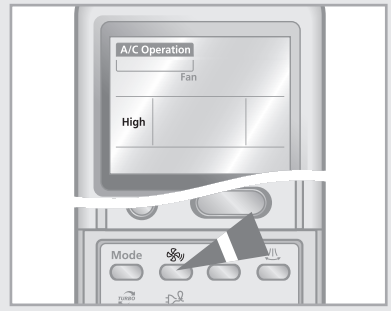
Note You can change modes at any time.

3 Select the fan speed by pressing the button one or more times until the required setting is displayed:

Low → High → Turbo

Result: Each time you press the button, the indoor unit beeps.

Note The default fan speed is set to High.



4 To select the Digital Flow, refer to page 17.

5 To control the direction of the air flow, refer to pages 18 and 19 .

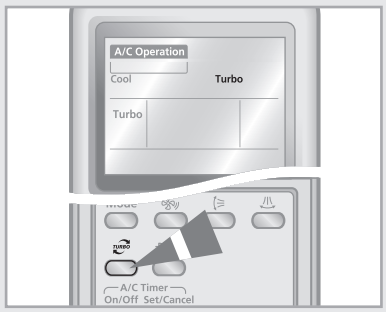
Note ***If the air conditioner is supposed to be left unused for a long time, it is recommended to dry the inside of the air conditioner by selecting FAN mode before storing.***

Selecting the Turbo Function

The Turbo cooling function is used to cool your room as quickly as possible.

Example : ***You have just come home and find that the room is very hot. You wish to cool it down as quickly as possible.***

The Turbo function operates for 30 minutes with the maximum settings before returning automatically to the mode and temperature previously selected.



1 If necessary, press the (On/Off) button.

Result:
- The operation indicator on the indoor unit lights up.
- The air conditioner starts up in the Cool mode.
- The indoor unit beeps.

2 Press the button.

Result:
- The temperature and fan speed are adjusted automatically.
- The air conditioner cools the room as quickly as possible.
- After 30 minutes, the air conditioner is reset automatically to the previous mode, temperature and fan speed.
  But, if you press the button in Auto, Dry or Fan mode, it will change to Turbo(Auto) mode automatically.

3 If you wish to stop the Turbo function before the end of the 30-minute period, press the button again.

Result: The air conditioner is reset automatically to the previous mode, temperature and fan speed.

Note
- ***The temperature is not adjusted even if you press the button.***
- ***The fan speed is not adjusted even if you press button because it is set to Turbo.***
- ***If Turbo (Cool) is selected, air flow direction can be adjusted manually, and if Turbo (Auto) is selected, air flow direction will be adjusted automatically.***

Selecting Energy Saving Mode

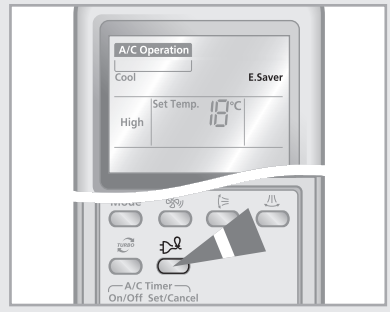
If you wish to save energy when using the control panel of your air conditioner, select the Energy Saving mode with the Energy Saving button.

1 If necessary, press the (On/Off) button.

Result:
- The power indicator on the control panel comes on.
- The indoor unit beeps.
- The air conditioner starts up in the Cool mode.

2 Press the button on the remote control.

Result:
- The indoor unit beeps.
- The air conditioner runs in the Energy Saving mode.
- The outer air flow blade moves up and down.

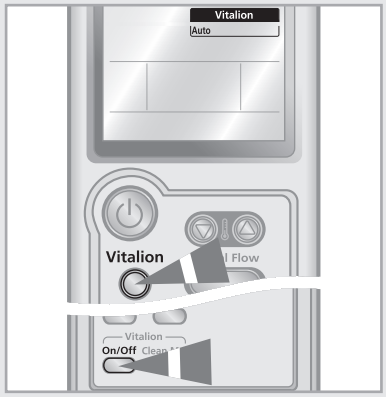


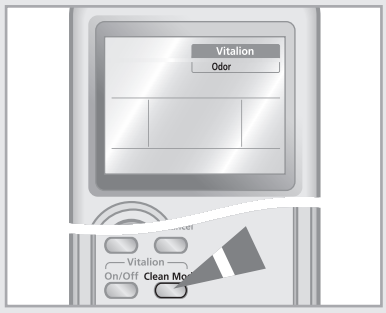
Note
- You can select the Energy Saving mode only in the Cool and Auto mode.
- Turbo mode is canceled if you select E. Saver mode.

Note
- ***To adjust the temperature in E.Saver mode (Cool), press the . Possible temperatures are between 18°C and 30°C inclusive. If you select E.Saver mode (Auto), the temperature will be adjusted automatically, and if you adjust the temperature, Cool mode is selected.***
- ***High → Turbo → Auto → Low is selected repeatedly if you press in E.Saver mode (Cool), and Nature is automatically selected in E.Saver mode (Auto).***
- ***Air flow direction is adjusted automatically.***

Selecting Vitalion Function

Vitalion cleaner provides us clean air by generating active hydrogen to remove active oxygen, which is known to stimulate the aging process.
This function can be selected in any mode or when the air conditioner is turned off.





1 Press the Vitalion button or On/Off button.

Result: ◆ The Vitalion cleaner is opened and the air conditioner runs in the Vitalion mode.
◆ The indoor unit beeps.

Note If you press the Vitalion button or On/Off button when the air conditioner is on, the function is operated additionally.

2 Select the Vitalion mode by pressing the Clean Mode button one or more times until the required setting is displayed.

Auto → Odor → Silence → Rapid

◆ **Auto** : controls fan speed automatically.
◆ **Odor** : senses the indoor odor and controls the degree of the cleaning automatically depending on the degree of the pollution.
◆ **Silence** : enables to clean the air silently.
◆ **Rapid** : removes the indoor odor quickly.

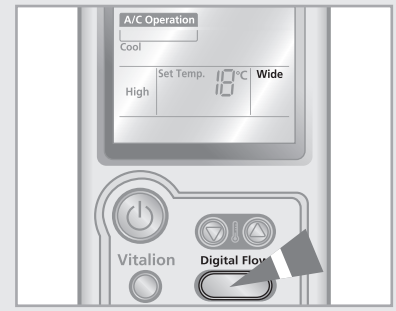
Result: Each time you press the Clean Mode button, the indoor unit beeps.

3 To stop the Vitalion function, press the Vitalion button or On/Off button again.

Note
◆ ***Selecting Vitalion function while operating the air conditioner does not consume more power nor generate extra noise.***
◆ ***Auto is displayed if you press the Vitalion or On/Off button on the remote control or on the control panel.***
◆ ***You can select the types of cleaning by pressing the Clean Mode button even if the air conditioner and vitalion cleaner operate simultaneously.***

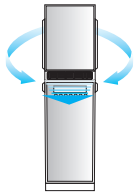
Selecting Digital Flow

In Cool, Dry, Fan or Turbo mode, you can adjust the Digital Flow depending on your needs.

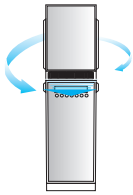


1 Select Cool, Dry or Fan mode first.

2 Press the Digital Flow button once or more times as required.



Wide : The air conditioner blows cool air into wide/whole area.



Left : The air conditioner blows cool air into left side.

Right : The air conditioner blows cool air into right side.

3 To cancel the Digital Flow, press the Digital Flow button until the Digital Flow indicators disappear.

Note

- ***You cannot select the Digital Flow in Auto/Turbo (Auto)/E.Saver mode.***
- ***If you press the or button, the Digital Flow is cancelled.***

Adjusting the Air Flow Direction Vertically

✳ You can adjust the air flow vertically and horizontally simultaneously.

1 Press the button one or more times as required.

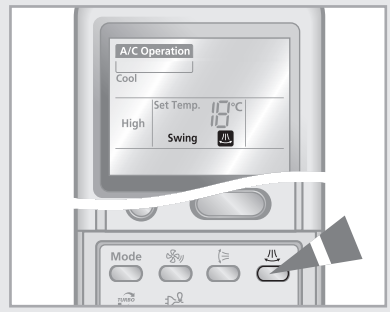
Result: The airflow blades (up/down) move vertically.

2 To stop the blades moving up and down, press the button again.

Note ***The air flow direction is not be adjusted in Auto/Turbo(Auto)/E.Saver mode even if you press the button.***

Adjusting the Air Flow Direction Horizontally

✳ You can adjust the air flow horizontally and vertically simultaneously.



1 Press the button one or more times as required.

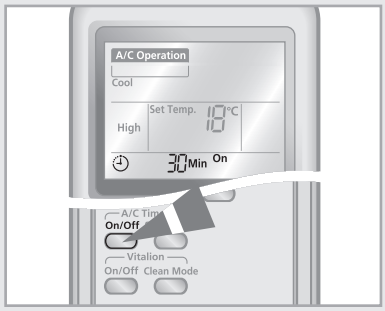
Result: The airflow blades (left/right) move horizontally.

2 To stop the blades moving left and right, press the button again.

Note ***The air flow direction is not be adjusted in Auto/Turbo(Auto)/E.Saver mode even if you press the button.***

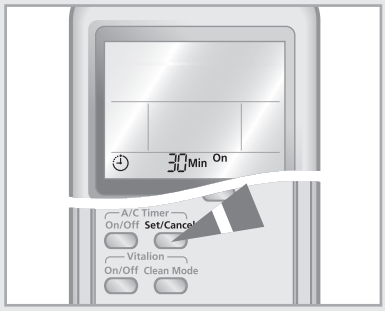
Setting the On Timer

The On Timer enables you to switch on the air conditioner automatically after a given period of time. You can set the period of time from 30 minutes to 24 hours. You can select the On Timer only when the air conditioner and the remote control are off.



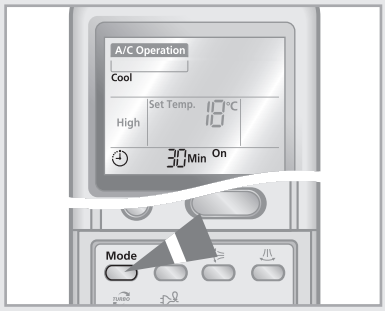
1 To set the operating time, press the On/Off button one or more times until the required time is displayed.

Result:
- **On** is blinking if you press the button once.
- The time is increased 30 minutes or 1 hour every time you press the button. You can set the period of time from 30 minutes to 24 hours.



2 Press the Set/Cancel button to complete the setting.

Result:
- **On** stops blinking, the set time and ⏲ are displayed if you press the button.
- Press the Set/Cancel button in 10 seconds and make sure that **On** and time indicator are on display to confirm the setting. If not, the setting in canceled automatically.
- The air conditioner will switch on automatically when the counter displayed on the remote control reaches the set time and disappears the On timer setting.
- Press the Set/Cancel button once again to cancel the setting.



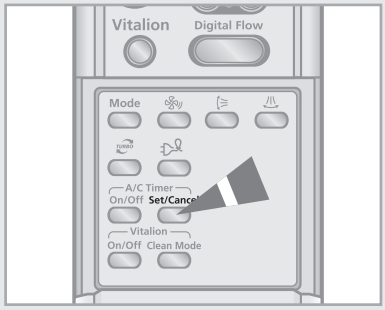
3 To select an operating mode in advance, press the Mode button until the desired mode is displayed at the top of the remote control.

Result: The air conditioner will run in the selected mode when it is turned on.

4 To adjust the temperature, press ▽ / △.
- Press the ▽ / △ button until the temperature you want is displayed.
- You can adjust the temperature only in Cool/Dry mode. It will turn to Cool mode automatically if you adjust the temperature in Auto/Fan mode.

Note Vitalion function can not be set to be switched on automatically.

To Cancel the On Timer



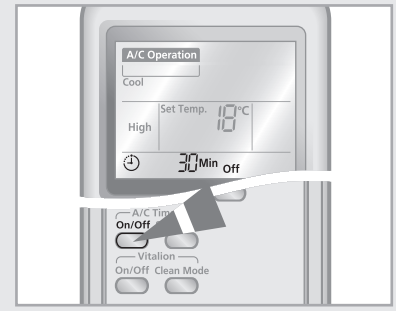
1 Press the Set/Cancel (Set/Cancel) button.

Setting the Off Timer

The Off Timer enables you to switch off the air conditioner automatically after a given period of time. You can set the period of time from 30 minutes to 24 hours. You can select the Off Timer only when the air conditioner and the remote control are on.

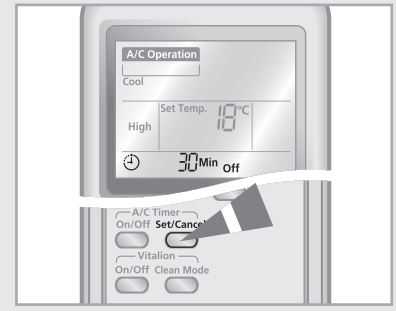
1 To set the time to be switched off, press the On/Off button one or more times until the required time is displayed.

Result:
- **Off** is blinking if you press the button once.
- The time is increased 30 minutes or 1 hour every time you press the button. You can set the period of time from 30 minutes to 24 hours.



2 Press the On/Off button to complete the setting.

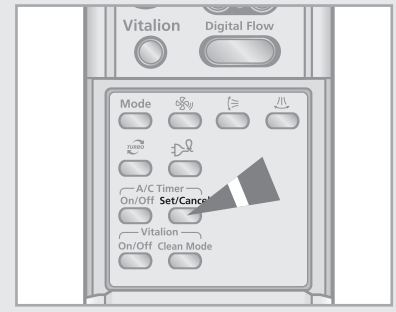
Result:
- **Off** stops blinking, the set time and ⏲ are displayed if you press the button.
- Press the Set/Cancel button in 10 seconds and make sure that **Off** and time indicator are on display to confirm the setting. If not, the setting in canceled automatically.
- The air conditioner will switch on automatically when the counter displayed on the remote control reaches the set time and disappears the Off timer setting.
- Press the Set/Cancel button once again to cancel the setting.



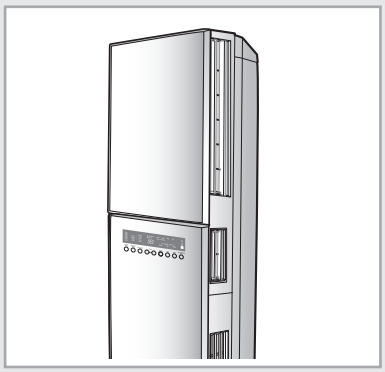
Note Vitalion function can not be set to be switched off automatically.

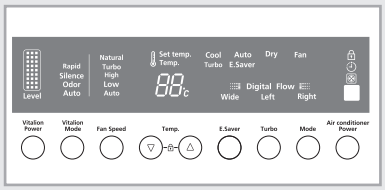
To Cancel the Off Timer

1 Press the Set/Cancel (Set/Cancel) button.



Using Control Panel on the Indoor Unit





You can operate the air conditioner with the control panel when you can't or don't want to operate the air conditioner with the remote control.

1 To operate the air conditioner, press the Air conditioner Power (On/Off) button.

Result: ◆ The indoor unit beeps.
◆ If you want to stop, press the Air conditioner Power (On/Off) button once again.

2 Select the mode by pressing the Mode button.

Note You can select each Cool, Auto, Dry, Fan mode.

3 To select Turbo mode, press the Turbo button.

4 To select Energy Saving mode, press the button.

5 To adjust temperature, press the Temp. buttons one or more times.

Result: If you finish setting the temperature, the current temperature indicates on the control panel.

6 To select the fan speed, press the Fan Speed button one or more times.

High ➔ Turbo ➔ Auto ➔ Low

7 To select the Vitalion function, press the Vitalion Power button.

Note You can select each Auto, Odor, Silence and Rapid mode by pressing the Vitalion Mode button.

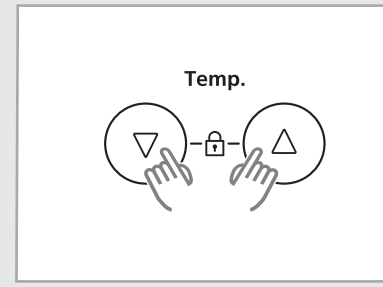
Other Functions

Lock function

1 Press the Temp. ▽ / 🔒 / △ buttons simultaneously for 3 seconds.

Result: ◆ 🔒 indicates on the control panel.
◆ The control panel is locked.

Note If the control panel is locked, you can operate the air conditioner only with its remote control so that it is easy to keep the air conditioner out of reach of children.



2 To cancel the lock function press the Temp. ▽ / 🔒 / △ buttons simultaneously for 3 seconds once again.

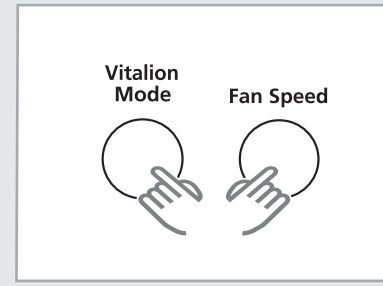
Air purity level display

1 If the air conditioner is on, the air purity level is displayed automatically on the control panel.

(Impure) Level (Pure) Level (Very pure) Level

2 If the air conditioner is off, press the Vitalion Mode ◯ and Fan Speed ◯ button for 3 seconds once again.

Result: The air purity level is displayed on the control panel.



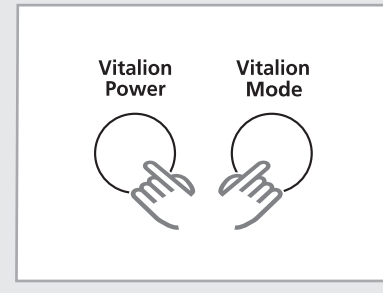
3 To clear the control panel, press the Vitalion Mode ◯ and Fan Speed ◯ button for 3 seconds once again.

Dimming down

1 Press the Vitalion Power ◯ and Vitalion Mode ◯ button for 3 seconds.

Result: Light of the control panel gets dimmer.

Note Recommended for the late night hours.



2 To brighten the light again, press the Vitalion Power ◯ and Vitalion Mode ◯ buttons simultaneously for 3 seconds or press any button on the control panel.

Note If you press any button to brighten the control panel again, air conditioner operates depending on the mode of the selected button.

Operating Recommendations

Topic	Recommendation
Power failure	If a power failure occurs when the air conditioner is operating, the unit is switched off. When the power returns, the air conditioner starts up again automatically.

Temperature and Humidity Ranges

The following table indicates the temperature and humidity ranges within which the air conditioner can be used.

If the air conditioner is used at...	Then...
High temperatures	The automatic protection feature may be triggered and the air conditioner stopped.
High humidity levels	Water may condense on and drip from the surface of the indoor unit if it is used for long periods.

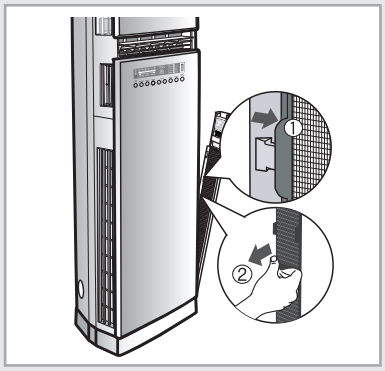
Mode	Outdoor Temperature	Indoor Temperature	Indoor Humidity
Cooling	21°C to 54°C approx.	18°C to 32°C approx.	80% or less
Drying	18°C to 54°C approx.	18°C to 32°C approx.	-

✳ ***If the cooling operation is used at over 32°C(indoor temperature), it does not cool at its full capacity.***

To Clean the Air Filter

For the best use of your air conditioner, you must clean it every 2 weeks regularly to remove the dust that accumulates on the air filter.

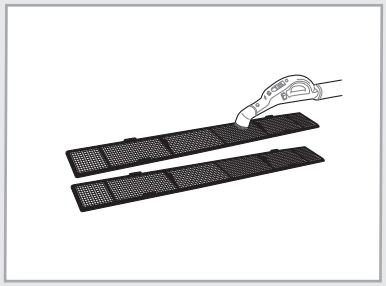
Caution ***Before cleaning your air conditioner, ensure that you have switched off the breaker used for the unit.***



1 Open both of the air inlet covers, then remove the air filters from the holder ① and pull out the filters as shown in the picture ②.

2 Remove all dust on the air filters with a vacuum cleaner or brush.

- ◆ If the air filter is too dirty, dissolve mild detergent in tepid water, then put the filter in the water and clean. Make sure to clean the filter carefully so that it is not deformed.



3 Dry the filter in the shade completely, then insert it into its original position.

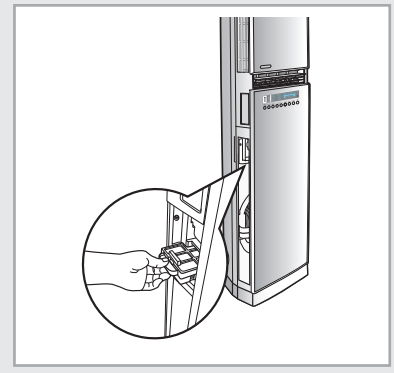
Note

- ◆ Make sure not to expose the air filter to direct sunlight. The filter may be deformed.
- ◆ Normally, clean the air filter every 2 weeks, but the period may differ depending on the time and environment for using. So cleaning every 1 week is recommended for using in dirtier places.

To Replace the Duster-deodorizing Filter

The duster-deodorizing filter removes dust particles, tobacco smoke or odor. You have to replace the duster-deodorizing filter every 2 years regularly.

1 Grip the groove and pull out the air inlet cover upwards to remove. Then grip the catch on the duster-deodorizing filter and pull out to remove.



2 Insert new duster-deodorizing filter into the original position and close the air inlet cover.

- ◆ Make sure to unwrap the vinyl packaging of new duster-deodorizing filter before inserting.

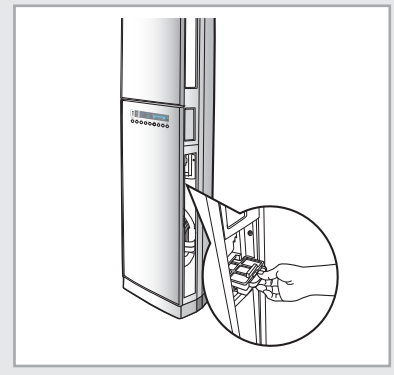
Note

- ◆ ***Replace the duster-deodorizing filter every 2 years regularly, but the period may differ depending on the time and environment for using.***
- ◆ ***Purchase new duster-deodorizing filter separately at the service center.***

To Replace the Special Filter

The duster filter is supplied when you purchase your air conditioner. You have to replace it with deodorizing filter, sterilizing filter, filter for new house or duster filter every 2 years regularly.

1 Grip the groove and pull out the air inlet cover upwards to remove. Then grip the catch on the special filter and pull out to remove.



2 Insert new special filter into the original position and close the air inlet cover.

- ◆ Make sure to unwrap the vinyl packaging of new special filter before inserting.

Special Filter

- Deodorizing filter: It removes odor in your home using active carbon.
- Sterilizing filter: It removes bacteria with silver ion.
- Filter for new house: It removes formaldehyde(HCHO), volatile organic compounds(VOCs) from wallpaper or decorations of new house.
- Duster filter : It removes dust particles, tobacco smoke or odor.

Note

- ◆ ***Replace special filter every 2 years regularly, but the period may differ depending on the time and environment for using.***
- ◆ ***Purchase new special filter separately at the service center.***

Solving Common Problems

Before contacting the after-sales service, perform the following simple checks.
They may save you the time and expense of an unnecessary call.

Problem	Explanation/Solution
The air conditioner does not operate at all	◆ Check that the breaker used for the air conditioner is switched on. ◆ Check that the operation indicator on the indoor unit is on; if necessary press the (On/Off) button on the remote control. ◆ Check whether the Timer indicator on the indoor unit is switched on. If so: - Wait until the switch-on time is reached and the air conditioner starts up automatically - Cancel the timer (see pages 20 and 21 for further details)
The air conditioner does not operate with the remote control	◆ Check that there are no obstacles between you and the indoor unit. ◆ Check the remote control batteries. ◆ Check that you are close enough to the indoor unit (7 m/yards or less).
No beep is heard when you press the (On/Off) button on the remote control	◆ Check that you are pointing the remote control at the remote control sensor in the right of the indoor unit. ◆ Replace the remote control batteries if necessary.
The air conditioner does not cool	◆ Check that the correct operating mode has been selected (Auto, Cool). ◆ The room temperature may be too low. ◆ Dust may be blocking the air filter guard; refer to page 26 for cleaning instructions. ◆ Check that there is no obstacle in front of the outdoor unit.
The fan speed does not change when you press the button	◆ Check that the operating mode is set to Cool, or Fan ; in the Auto mode, the fan speed changes automatically and in the Dry mode, it is set to Auto.
The air flow direction does not change when you press the / button	◆ Check that the air conditioner has been switched on; if necessary, press the (On/Off) button on the remote control. ◆ Check that the correct operating mode has been selected : in the Auto, Dry mode, the air flow direction is selected automatically.
The timer is not correctly triggered	◆ Check that the timer has been programmed correctly; see pages 20 and 21.
Odor is permeated in the room during operation	◆ You can use the FAN mode to ventilate your room.

Memo

Contact SAMSUNG WORLD WIDE

If you have any comments or questions regarding a Samsung product, contact the SAMSUNG customer care center.

Country	Customer Care Center ☎	Web Site
SOUTH AFRICA	0860 726 7864 (SAMSUNG)	www.samsung.com/za
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	8000-4726	

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